

20000327.qrp v01_n773.qrl.20000327

Date: Mon, 27 Mar 2000 19:03:04 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1773

QRP-L Digest 1773

Topics covered in this issue include:

- 1) [66591] Re: To post or not to post to QRP-L
by "Paul Harden, NA5N" <na5n@rt66.com>
- 2) [66592] Atlanticon 2000
by Joe Everhart <n2cx@voicenet.com>
- 3) [66593] Re: [66548] TX0DX on 15 meters NOW
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 4) [66594] NEQRP meeting next week
by Joe Everhart <n2cx@voicenet.com>
- 5) [66595] Atlanticon 2000 - WOW !
by "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
- 6) [66596] For Sale: Update
by Maurice L Haynes <kv7g@juno.com>
- 7) [66597] 1924 Experimental Coast Guard Station
by QRP <qrp@email.com>
- 8) [66598] WEATHERFORD, TX HAMFEST
by Brad Bradfield <b_bradfield@yahoo.com>
- 9) [66599] Atlanticon 2000 Report (longish, but hey, lots happened!)
by "Gary M. Diana, N2JGU" <embres@frontiernet.net>
- 10) [66600] Re: RubberMaid Power Supply Help
by Curt Milton <wb8yyy@yahoo.com>
- 11) [66601] Fox Team WINNERS!
by "Conard Murray" <cmurray@cookeville.total-web.net>
- 12) [66602] Re: Soundcard problem?
by "George T. Baker" <w5yr@att.net>
- 13) [66603] Re: New SWL Rig @ A-con ?
by "Dave Benson" <nn1g@earthlink.net>
- 14) [66604] ATLANTICON: -a GREAT one!!
by S LYON <sslyon@worldnet.att.net>
- 15) [66605] L network in the Altoid, MFJ CUB,K7TQ
by tom whalen <wb5qyt@eFortress.com>
- 16) [66606] Re: Atlanticon 2000
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 17) [66607] WPX and 10M
by Robert B Boughner <notajock@juno.com>
- 18) [66608] Re: HF Nets ?
by Al Patrick <arp@inet4u.com>
- 19) [66609] 15m MFJ Cub Review

- by Ed Kessler <edkess@epix.net>
- 20) [66610] hurricane frequencies
by Al Patrick <arp@inet4u.com>
- 21) [66611] Back again on qrp-l
by n4so@juno.com
- 22) [66612] QRQ Net report. K2 Shack reverberations...
by Ed Loranger <we6w@qsl.net>
- 23) [66613] WPX SSB
by "Floyd Smithberg" <flydnq7x@primenet.com>
- 24) [66614] FoxHunt Awards
by Joe Smith <joe@joesmith.net>
- 25) [66615] FAO Chris Jones N7ZW
by Dave Fifield <fifield@pacbell.net>
- 26) [66616] OT: Suppressing noise on 2 meter mobile
by joe lerch <joelerch@earthlink.net>
- 27) [66617] ATLANTICON - FUN WEEKEND - THANKS TO ALL WHO WORKED HARD FOR THIS
SUCCESS!
by K2YEW@aol.com
- 28) [66618] AT / QRPTTF weekend
by David M Kopacki <kf2ew@juno.com>
- 29) [66619] XW2A DX
by n4so@juno.com
- 30) [66620] HTX10 CTSS mod
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 31) [66621] Re: AT / QRPTTF weekend
by aa5yx@juno.com
- 32) [66622] Re: Atlanticon 2000
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 33) [66623] Thanks Atlanticoners...
by Paul Krzewinski <kpaul@usa.net>
- 34) [66624] Re: Suppressing noise on 2 meter mobile
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 35) [66625] RE: Atlanticon 2K
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 36) [66626] RE: Comparative reviews of Amateur Equipment
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 37) [66627] RE: NEQRP meeting next week
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 38) [66628] Atlanticon Trip Report, long
by "Rod, N0RC" <n0rc@qsl.net>
- 39) [66629] RE: RI - How Hard to Get?
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 40) [66630] FS 15 MTR OHR ES TEN TEC 40 MTR
by Kyle Lusk <klusk@bhm vending.com>
- 41) [66631] Re: Fox Teams Whiners..err...WINNERS!
by Shephed@aol.com
- 42) [66632] Portland Harborcon II?
by "AI2Q Alex" <ai2q@ispchannel.com>

- 43) [66633] Atlanticon photos
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 44) [66634] Zombies
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 45) [66635] Tape backup FS
by "Ken Simpson" <W8EK@fdt.net>
- 46) [66636] FS: CUB 20 meter
by Ronald_A_Pfeiffer@res.raytheon.com
- 47) [66637] Glacier QRP Get-together 2000
by Bruce Rattray <rattray@gpfn.sk.ca>
- 48) [66638] QRP TTF
by Dean W Manley <kh6b@juno.com>
- 49) [66639] Re: Suppressing noise on 2 meter mobile
by "Chuck Carpenter" <w5usj@globeco.net>
- 50) [66640] T77C on 24.891.7 at 1630Z 3/27/00
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 51) [66641] Dayton flights
by PDouglas12@aol.com
- 52) [66642] RE: Suppressing noise on 2 meter mobile
by Karl Kanalz <KKanalz@excel.com>
- 53) [66643] Re: Zombies
by markmilburn <markmilburn@netzero.net>
- 54) [66644] Atlanticon: Keep the reports coming
by "Doug Hendricks" <ki6ds@hotmail.com>
- 55) [66645] Fox teams
by Pete Burbank <plburbank@kih.net>
- 56) [66646] Re: Zombies
by "Scott Hotchkiss" <w4pj@bellsouth.net>
- 57) [66647] Re: Fox teams
by Macstein@aol.com
- 58) [66648] RE: RI - How Hard to Get?
by "Bob Tellefsen" <n6wg@earthlink.net>
- 59) [66649] Kenwood TS140V for sale.
by "Jess Gypin" <jessqrp@uswest.net>
- 60) [66650] RE: RI - How Hard to Get?
by "Hare, Ed, W1RFI" <w1rfi@arrl.org>
- 61) [66651] Re: RI - How Hard to Get?
by Bruce Muscolino <w6toy@erols.com>
- 62) [66652] FS: QRP STUFF
by Ronald_A_Pfeiffer@res.raytheon.com
- 63) [66653] QRP in Quebec this weekend
by N10DL@aol.com
- 64) [66654] MFJ QRP-Cub Mods
by Larry East <w1hue@amsat.org>
- 65) [66655] TS140V for sale more info
by "Jess Gypin" <jessqrp@uswest.net>
- 66) [66656] Re: [CW] 20WPM Endorsement after 15th April
by K2UD@aol.com

- 67) [66657] 15M Cub Output Power
by "Charlie Fitts" <cfitts@neca.com>
- 68) [66658] Was K2 in the UK
by "Denis Naylor" <aldebaran@ukgateway.net>
- 69) [66659] Re: [66569] NIMH Batteries for My DSW-40 any downside?
by Tom <trandall@idsi.net>
- 70) [66660] ANTENNAS: grounding tuners & hum modulation
by n5ib@juno.com
- 71) [66661] Atlanticon acknowledgement
by Mike Gipe <mgipe@reliablemeters.com>
- 72) [66662] eVERY nOW aND tHEN
by hamjoel@juno.com

Date: Sun, 26 Mar 2000 17:25:08 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Cla KA0GKC <ka0gkc@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66591] Re: To post or not to post to QRP-L
Message-ID: <Pine.SUN.4.10.10003261708250.24045-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 24 Mar 2000, Cla KA0GKC wrote:

> Hi all,
>
> Some time ago someone posted a great message on when to post and reply to
> QRP-L and when not to. Would the author please contact me via private email.

Cla and others,

This group was started many years ago by Chuck Adams, who until recently oversaw it, knocked us all on the side of the head occasionally when things got out of hand and the like. However, due to retirement, relocating, new activities and other reasons, Chuck announced he was no longer going to be the moderator of qrp-l. Chuck deserves a lot of credit for what he did with qrp-l, the fox hunts, and a host of other contributions for the hobby. And the "mindset" of this group remains what he established.

There were a few attempts to encourage posters to qrp-l to use topic headers, certain types of discussions to go to QRP-F, others to QRP-TECH and the like.

As I see it, QRP-L is now an OPEN group, and it has worked fine as an open group since November. There are no official requirements to use topic headers or confine your posts to certain guidelines ... providing

it is in keeping with the QRP topic/electronics/homebrewing/operating aspect of amateur radio. I'm afraid some of the apparent attempts to thin-out qrp-l and splinter off to other groups have made some people a bit gun shy about posting to this group or another.

I propose we all support the group(s) we wish. The fun of this media is how easily we can share info - both ways - so by all means, let's share. And let's keep our common senses by not running certain threads into the ground, keeping off topic (OT) things to a minimum and things like that. The more rules one has, the less freedoms you have, and the less sharing and education will go on. Hams are supposed to be self-regulating on the air, so let's remain self-regulating here as well. And from what I've seen on QRP-L, that is exactly what most of us have been doing. It's still the best internet group I've ever been associated with, and I'm sure it will continue to be so.

I look forward to your posts, what you have to contribute, as well as from everyone else.

72, Paul NA5N

Date: Sun, 26 Mar 2000 19:30:41 -0500
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-l@Lehigh.EDU, njqrp@njqrp.org
Subject: [66592] Atlanticon 2000
Message-ID: <200003270030.TAA08710@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Groups(s),

Whew what a great weekend!

I'm sure there will be a whole bunch of reports on Atlanticon - I may even read some of them when I catch up with my e-mail.

However I gotta express a great big thank you to George Hern, N2APB for putting together a fantastic QRP bash.

I won't try to list all of the folks I got to talk to and meet in person there for fear that I'd forget somebody. However it's probably a safe bet

that a goodly number of the QRP notables withing a day's drive of Glens Mills, PA were there. And we even had some west coast, VE3, and midwest attendees - one of the latter had his drive made worth while since he won a K2!

Saturday's talks were outstanding and very well received by the attendees. And the accompanying compendium of articles is a real keeper. We were sorry that Check, K7QO couldn't make it, but Preston, WJ2V filled his shoes quite well and Chuck even called us on George Heron's cell phone so that he could express his regrets to the assembled multitude.

You had to see the auditorium to believe it. It was like a plush lecture hall with a professional sound system and veyr nice padded theatre seats. Hmmm, they may have been a tad *too* comfy c'uz I nodded off once or twice. No reflection on the speakers, I was simply tired from family obligations the week before.

Ed Hare W1RFI brought along the legendary original Tuna Tin rig and set it up as W1FB/3 to let any licensed ham take a turn at the key. What a blast!

Remember Seab, AA1MY, at last year's Atlanticon? He ran up a huge kite in the parking lot. This year he did the same demonstrating that it could effectively raise a powerful QRP antenna and stay aloft for hours on end without any work at all. His master kites are a sight to behold. If you didn't see it in person check out the article that he collaborated on in the latest QST.

And the hospitality room happenings both Friday and Saturday night rivalled the Dayton and Pacificon rooms I've enjoyed. It really is great to see all of the creativity and energy folks put into homebrewing. There were indeed many works of love in evidence.

On Saturday the dual homebrew judging events were well represented. In the open competition judging was tough because of the large number of high-quality efforts. (I was honored to be asked to judge them!) In the end we had to pick several outstanding examples but all of them were very worthy. The results will be posted elsewhere.

The second building competition involved the SNAP kit given to all registered attendees. Those who registered in advance were given this manhattan-style kit an encouruaged to build the goodie, tweak it for best performance and show their creativity with packaging and personalization. The number of entries and the variety of most excellent examples of construction is humbling. Great job guys.

It was over so fast that I feel at a loss right now. I *need* another event.

Come on Dayton!

72/73,

Joe E., N2CX

Date: Sun, 26 Mar 2000 16:42:26 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: kb7ww@chatusa.com
Cc: qrp-1@lehigh.edu
Subject: [66593] Re: [66548] TX0DX on 15 meters NOW
Message-ID: <200003270042.QAA11926@netcom.com>

It looks like they're using the same station for 15M RTTY and CW, so if you want one and they're not on, find the other and wait until they QRT on that mode. Very good chance of them being QRV on the other very soon.

73, doug

Date: Sun, 26 Mar 2000 19:46:27 -0500
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-1@Lehigh.EDU, njqrp@njqrp.org
Subject: [66594] NEQRP meeting next week
Message-ID: <200003270046.TAA183966@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I was so busy bragging on Atlanticon that I forgot to mention another upcoming event.

Next Saturday is the annual NEQRP-Invades-ARRL-HQ meeting. While NEQRP is a regional group, they do hold this one meeting every year at US ham radio mecca and encourage all to attend. They are a great, friendly bunch of folks.

Alas family duties prevent me from going but I strongly encourage anyone within driving distance to mark it on their calendar.

Like most QRP club meetings it's kinda free-form though they often

do have a short business session to update all on what's happening. Next is a very intimate show and tell session where all can brag about their latest projects and on-the-air conquests. And this takes place in a conference room in ARRL HQ - what better place, indeed?

In past years attendees were also treated to a personal tour of the fabled ARRL lab by Zack, W1VT. I can't promise that, but you may be luck enough to be so honored.

At mid-day all go to a local eatery for an hour or so of QRP camaraderie over lunch.

The day usually wraps up with a chance to operate W1AW/QRP - just remember to bring along your license. And if you are **really** lucky you just may have a chance to operate using the original Tuna Tin rig. I can't promise this but it is a possibility.

Wish I could go to join the NJQRP and LIQRP gang who make the trek but it's not in the cards. If you can spare the time you can get another good dose of east coast qrp hospitality to continue what began the year with Atlanticon.

If you do go please share your fun by writing all about it for the rest of us who can't make it...

72/73,

Joe E., N2CX

Date: Sun, 26 Mar 2000 20:04:02 -0800
From: "Gary McCaughey" <MAIL4GARY@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [66595] Atlanticon 2000 - WOW !
Message-ID: <008001bf97a1\$a77429c0\$89dc4d0c@garymcca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

IT WAS A GREAT EXPERIENCE!

Hats off to George and the gang from NJQRP for doing a great job.

Big thanks to the guys who took the time to share their experiences and expertise with excellent presentations.

Thanks to the vendors who showed their "toys".

A big group thanks to all the attendees for making this a really pleasant event and for sharing a little piece of their "QRP life". The level of camaraderie is great to see and experience.

Thanks to Red Hot Radio for the Red Hot 40 that I won in the SNAP contest. I will enjoy it immensely. There was a real outpouring of creativity in that contest and I was lucky to have won.

Kite flying has taken on a whole new dimension for me after Atlanticon. You had to be there to understand that one.

Nothing was spared in making this a great event. I was not at the bash last year but surely plan to make it again next year.

Gary
W2UX
Lexington, SC

CW is the REAL THING, USE IT or LOSE IT!

Date: Sun, 26 Mar 2000 18:20:58 -0700
From: Maurice L Haynes <kv7g@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [66596] For Sale: Update
Message-ID: <20000326.182100.-37597551.0.kv7g@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Revised list - 3/26/2000
Items with * have potential buyers but deals have not been finalized as I am waiting for money orders for them.

Used Ham Gear - W7DIB Estate - Can Email Photos on Request

Vibroplex Brass Racer #04363 (Good but not mint) \$60.00 PP

Keyer factory built in, battery fastened to top with velcro
easily returned to original.

Vibroplex Brass Racer #03262 (Good But Not Mint)	\$45.00 PP
MFJ - 1026 Noise canceling signal enhancer	\$110.00 PP
Ameritron QSK-5 External QSK switch for Amps	\$175.00 PP
Ameritron AL-811H Amplifier - prefer local deal	\$500.00 +
MFJ 931 Artificial Ground	\$30.00 +
* Kenwood SW2000 SWR/Pwr Meter (Good, not mint) With two sensors	\$80.00 +
QRP + Transceiver	\$385.00 PP
Updated to QRP++	
Autek RF1 Antenna Analyzer	\$75.00 +
* Ten Tec 1251 RF Counterpoise	\$30.00 +
* MFJ 971 Portable QRP Antenna Tuner	\$45.00 +
* MFJ 941E VersaTuner II Antenna Tuner	\$65.00 +
ABCD Switch	\$5.00
Kenwood SP-40 Mobile Speaker	\$35.00 PP
Oak Hills SCF-1A Switched Cap. Filter	\$40.00 PP
* Alpha Delta Outpost Tripod	\$150.00 +
AFA Mobile antennas for 75/40/20/15/10 Similar to Ham Stick but "stinger" can be removed for storage without losing adjustment	@\$12.50 +
The 5 antennas above	\$50.00 +
Us Towers 40 ft. 2 section crank up tubular, top section \$400.00	
3" square tubing. Tower has been taken down, Pick up in Yuma, AZ	
* Yaesu FT- 480 Dual Band HT,	

\$150.00 +

Some of these items have not been fully identified and/or priced,
updates will follow.

For fastest response reply to kv7g@mindspring.com as I only check
my Juno email once a day, usually around 7:30 AM

Date: Sun, 26 Mar 2000 20:30:52 -0500 (EST)
From: QRP <qrp@email.com>
To: qrp-l@lehigh.edu
Cc: cqclist@cqc.org
Subject: [66597] 1924 Experimental Coast Guard Station
Message-ID: <383611117.954120652625.JavaMail.root@web14.mail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a 1924 QSL card from the Coast Guard's Experimental
Radio Station working my friend's father, 9TW. It can be
viewed by clicking on "Experimental" at the bottom of my page
at:

<http://www.qsl.net/wb0jnr/qslcards.html>

Roger
WB0JNR
<http://www.rogerwendell.com>

-
--

FREE! The World's Best Email Address @email.com
Reserve your name now at <http://www.email.com>

Date: Sun, 26 Mar 2000 17:34:43 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>

To: Message posts for QRP-L <qrp-l@lehigh.edu>
Subject: [66598] WEATHERFORD, TX HAMFEST
Message-ID: <20000327013443.13124.qmail@web216.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello y'all - -

Yesterday was the annual Amateur Radio Club of Parker County (Texas) hamfest in Weatherford, TX. In addition to myself, other QRP'ers in attendance (and I know I'm going to forget some) were Rich, N5JI; Joe, KK5NA; and Dean, K5DH, who I've been trying to get on the qrp-l for years. If you're within driving distance of Weatherford and have never been to this hamfest, it's certainly not the largest hamfest around, but has a very nice flea market, and the friendliest bunch of locals around. I highly recommend it.

Coming up on April 29th is the Belton, TX Hamfest, which is also a great hamfest.

Anyway, I bought an Astron PS-35A power supply at Weatherford yesterday, and need a copy of the manual, or at least the schematic for it if some kind soul would be nice enough to copy and forward it to me. I'll gladly pay copying and mailing costs. Hey, this _IS_ QRP related, I'm going to run my 49'er with the Astron.

Oh, yeah, after 29 years holding an Advanced class license, I upgraded to Extra at the hamfest yesterday too.

72's es 73's,

Brad, W5CGH

=====

Brad Bradfield, PE
W5CGH (ex WB0CGH)

Test Staff Engineer
SpectraPoint Wireless LLC

Real men talk with their fingers!!

NORTEX QRP-L #377 QRP-ARCI #10012 SMIRK #4906
ARS #72 NORCAL Austin QRP Club #i

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sun, 26 Mar 2000 20:36:50 -0500
From: "Gary M. Diana, N2JGU" <embres@frontiernet.net>
To: qrp-1@lehigh.edu, embres@frontiernet.net
Subject: [66599] Atlanticon 2000 Report (longish, but hey, lots happened!)
Message-ID: <38DEBB32.592F5CA0@frontiernet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Atlanticon 2000 was awesome!

We had a huge ballroom for our hospitality suite, lots of room to display stuff and walk around to talk to everyone. The presentations were held in an auditorium, which was perfect; comfy seats, angled up and away from the stage.

Every Atlanticon attendee received a copy of the proceedings, as well as a really nice laminated badge.

Friday night everyone gathered in the hospitality room. There were probably better than a dozen vendors, and several tech talks:

Skip N2EI did a manhattan construction demo.
Rod N0RC did a toroid construction demo.
Jim WK8G gave a talk on Microchip programming.

There were crowds surrounding these guys as they each took their turn and did their talk. If you weren't interested in trying the stuff they discussed, well maybe you need a new hobby! Lots of GREAT information, and a chance to ask questions and get the info you needed. I know I walked away with some ideas for new programming tools to try.

The seminar presentations took place on Saturday, running from approximately
9am -> 5pm, with a couple intermissions and a break for lunch.

Here's a summary of the talks:

Joe Everhart N2CX discussed the Band-Aide, a cw detector/squelch for the NJ-QRP SOP Receiver he also designed. In addition to his talk on the "how" of his circuit, he brought the prototype with him and described his modular, manhattan-style approach. Joe's an accomplished homebrewer and it was interesting to understand how he attacks a problem and how he actually does his prototyping. We also learned he has a habit of

taking early morning walks, and occasionally talks to amphibians! (note: check the NJ Club site if you are interested in ordering an SOP Receiver kit)

Dave Benson NN1G gave a great description of PSK31 and his design for a White Mountain-based PSK31 rig. He gave an overview of DigiPan, a popular PC program for decoding PSK31 and driving a radio. He also went on to discuss his concept for a super simple PSK31-capable rig. I haven't tried PSK31 yet, but after Dave's talk, it's a priority for me! Dave also had a nice PSK31 demo running in the hospitality suite, which drew a lot of interest.

Mike Gipe K1MG gave a talk on DX operating. Ask anyone who was there, we all think he was a marine sargent in a past life! He had us compete in a room-wide DX pileup, and you wouldn't believe how it mirrored the ones you hear at HF frequencies! There was a lot of good tips on how to LISTEN, and work the DX in a SMART way. A great talk and he managed to keep everyone, not only awake, but hyped! Did I mention we all learned the Happy Dance?! No kidding, we learned it (but perhaps it was left coast version!)

Chuck Adams K7Q0 called into Atlanticon! George N2APB held his phone to the mike, and we had a 100++ conference call with Chuck! Although he was unable to make the conference, his presence was definitely felt in spirit.

Preston Douglas WJ2V did a talk on manhattan style building. He brought along several examples of his work, which all worked by the way! One of his themes was "it doesn't have to look pretty to work!". Preston discussed his design procedure, from hand written schematic to cutting out the copper pads, to arranging the parts to avoid soldering yourself into a corner! Preston graciously filled in the time slot for Chuck K7Q0 at the last minute! (note: we were delighted to have the full spectrum of manhattan style implementations represented at Atlanticon: with Joe N2CX and Preston WJ2V on one end, and Jim K8IQY on the other!).

Jim Kortge K8IQY did a wonderful talk on his 40m to 2m 2n2222-based transverter.

As a follow on to his well known 2n2222 rig, Jim discussed the evolution of his transverter. Amazingly enough, he started by researching how high in frequency a 2n2222 could reliably go. One thing led to another, and he found himself building a transverter! He took us through his process and discussed the problems he encountered, and how he solved

them, and the lessons he learned. Jim also had examples of his 2n rigs there, and the crowd got to touch each one and see the A-1 work Jim does.

If you've never seen Jim's work, then you are missing "the Master" of manhattan style!

Ed Hare W1RFI did an awesome history of the Tuna Tin Transmitter. In case you

don't know, Ed worked at ARRL at the same time Doug DeMaw W1FB worked there. He remembers when Doug built the Tuna Tin at the ARRL lab! He went on to tell the story of how the Tuna Tin disappeared from ARRL HQ, only to appear at a new england hamfest some 4 years later! Ed bought it back for a buck! Ed gave us some insight into Doug's family, and their continued support for ham radio and use of Doug's callsign for club operations. Ed is an energetic guy; if he didn't hold on to the lectern, I think he would have flown off the stage!

At the end of each presentation, George pulled numbers from a hat to award the LARGE NUMBER of QRP kits and accessories that were generously donated by MANY vendors. Ed W1RFI awarded a QRP/Radio book about every 10 minutes during his talk!

During all the talks, Ed W1RFI was running the Tuna Tin on the air, and anyone was welcome to try and make a QSO!

Saturday evening found us all back in the hospitality room, for the SNAP building contest, SNAP output power test, and HomeBrew project contest. I'm not sure how many SNAPS were there, but Preston WJ2V and Jim K8IQY were busy for over an hour checking the power output of them all! Sorry but I can't remember who won what in the building contests! There was a lot of participation, everyone had a ball, and it was a chance to see "how someone else did it" and maybe get some new ideas.

I was really amazed at the number of QRPers at Atlanticon, and how excited everyone was! I'm not sure of the total head count, but attendee #140 won a door prize, so my guess is it was upwards of that many. I met QRPers from California, Canada, New York, New Jersey, Pennsylvania, Massachussetts, Connecticut, No.

Carolina, Michigan,
there were probably more!

George Heron N2APB and the NJ QRP Club deserve CONGRATULATIONS for their efforts...

they pulled off a great event, and I'd say everyone had a GREAT time!

For those who

were unable to attend, I think George had extra copies of the

Proceedings... so you

may wish to check the NJ-QRP Website (<http://www.njqrp.org/>) to email

George about this.

I highly recommend a copy if they are available. The Club was also

selling Tuna Tin

2 kits, SNAP kits, and SOP receiver kits... check their website for info

on ordering

them!

All in all it was a great weekend, I had a ball and will definitely be
back next

year.

73, Gary N2JGU

Date: Sun, 26 Mar 2000 17:58:07 -0800 (PST)

From: Curt Milton <wb8yyy@yahoo.com>

To: k5xu@concentric.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [66600] Re: RubberMaid Power Supply Help

Message-ID: <20000327015807.19874.qmail@web2006.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Most of these units lack the large capacitors needed
to filter the output to the low noise level we all
appreciate. Don't fret as you can likely make this a
useful power source if the regulation is adequate by
adding outboard capacitors. Not many years ago QST
had a construction article on how to make a gadget to
filter a "wall wart." I may be building one of these
soon myself.

Curt WB8YYY

--- Mike Duke <k5xu@concentric.net> wrote:

>

> Okay, go ahead and laugh; I did too when I found

> this gadget in a salvage
> store yesterday.
>
> Now, I need information about it.
>
> The case says that it's a model 5239 12 VDC Power
> Station, rated at 5.25
> amps continuous. It's a rectangular box about the
> size of some printer power
> supplies that I've seen. The AC cord exits one end,
> and a short cable with
> a cigarette lighter socket is hard wired at the
> other end.
> A volt meter shows 12 volts DC, but the little box
> apparently has little if
> any filtering. Anything connected to it hums
> noticeably.
>
> Its light weight and FCC part 15 notice
> suggest that it's a switching supply.
>
> If you are familiar with this unit, please tell me
> if it is indeed a
> stand-alone power supply, or is it sold as part of
> something else.
>
> It's the perfect size and weight for a travel supply
> for my OHR-100 or VX5R,
> but I don't want to break it open to try adding more
> filtering
> if it wasn't built for that purpose.
>
>
> Mike Duke, President
> Mississippi Council of the Blind
>
> Net-Tamer V 1.11.2 - Test Drive
>
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Sun, 26 Mar 2000 20:12:34 -0600

From: "Conard Murray" <cmurray@cookeville.total-web.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66601] Fox Team WINNERS!
Message-ID: <020d01bf9791\$eaefcf20\$567fcfd8@cookeville.totalweb.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Congrats to the Terrors! Great job.
73 de Conard, WS4S

Date: Sun, 26 Mar 2000 20:24:59 -0600
From: "George T. Baker" <w5yr@att.net>
To: Hubert Smits <hubert.smits@wxns.nl>
Cc: ku7y@dri.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66602] Re: Soundcard problem?
Message-ID: <38DEC67B.B6932D77@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hubert, you could not have made me happier!

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 R/Ving since 1972 Kachina #91900556

Hubert Smits wrote:

>
> Gearge, Monty,
>
> Just to let you know that you both were absolutely right with your advise. I
> continued to listen to morse code at high speed (19wpms) as advides in the
> Koch method. I tried and succeeded in not listinging to dits and dahs but to
> the sounds of the whole character. And it works. It no longer bothers me not
> hearing separate dits or dahs, I recognise the characters anyway. Progress
> is now mad rougly 1 character a day with an average spend time of 45 minutes
> a day. I do swap between keying and listening, just to get my mind of the
> listening.

Date: Sun, 26 Mar 2000 21:23:27 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: "Alan Fryer" <n3bj@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66603] Re: New SWL Rig @ A-con ?
Message-ID: <021f01bf97ac\$982b3200\$0672173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>I remember someone mentioning a new Small Wonders Lab rig to be announced
at
>Atlanticon. Not the PSK31 rig, but another.

Folks- I just returned from Atlanticon to wade through several hundred
e-mail messages, and the one above jumped out at me.

I gave a talk at Atlanticon about PSK31 and spoke very briefly about my 20M
PSK31 prototype (the one on my website). That will be a commercial product.

I also threw out a 'food-for-thought' idea during my talk. That idea may
well translate into a project of some sort, but *not* as an SWL product*.
When the idea exists as more than a fevered fantasy, (i.e, the darned thing
works), it'll move from 'rumored' to 'real' and would take on life as a club
project.

When and if that happens, and I'm confident it will, it will be announced.
Here- on QRP-L, and most importantly, by the people who have the complete
story. It is an idea that blossomed at the last minute going into
Atlanticon and some things need to happen behind the scenes. Those steps are
in motion.

73- Dave Benson, NN1G

Date: Sun, 26 Mar 2000 23:04:20 -0500
From: S LYON <sslyon@worldnet.att.net>
To: chat qrp <qrp-1@Lehigh.EDU>
Subject: [66604] ATLANTICON: -a GREAT one!!
Message-ID: <38DEDDC3.3496D380@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George, Joe, David, Dean... the whole crew have exceeded all expectations in a spectacular way and NJQRP has a great trend going -it just keeps getting better. Not only was the facility and program marvelous, the designs and executions were absolutely awesome. Jim Kortge and Gary Diana stand in a class by themselves and I for one, came away newly inspired. Seeing the gear that folks have designed, built, or packaged dramatically demonstrates that there is a rosy future indeed for the QRP segment of our hobby. As "Slim" Everhart noted, you really had to be there to fondle the goodies, chat with the do-ers, ponder the possibilities.

We even had Momma Nature on our side as we were able to loft one of my heavy-lifter kites to about 400' and hang an 84' center-fed dipole (EDZ) from the control line. We hooked VE3JC's K-2 to it and kicked 20M butt around Europe for a while using the internal battery.

The presenters all were real spark plugs in the QRP engine and if there was any remaining doubt as to ARRL's posture re QRP, Ed Hare blew that to smithereens. If anyone suffers from depression re the future of Ham Radio THIS is the antidote!

Sincere thanks to all for a fantastic job
-see you next in Y2K+1 !!

72

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sun, 26 Mar 2000 17:53:42 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66605] L network in the Altoid, MFJ CUB,K7TQ
Message-ID: <38DEB116.39B5@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Had some fun today! Built a L network inside of an Altoid tin. Still doing some testing on different toroids, but wanted to talk about the tuning cap. I had an old transistor radio sitting here in the junk box. I gutted it and salvaged the tuning condenser. Real little job and fits just right in the Altoid. So far I can tune wires on 15 thru 20 meters. I need a bit more inductance for 30 and 40 meters. Not sure why I can't tune the antenna on 10m but will figure it out. Maybe too much min. capacitance?

Took the MFJ Cub(15m), 1/2 wave end fed wire, the Altoid tuner and a 2amh battery to the park this afternoon. Thru the wire in the tree and started calling cq. After about 3 sets of CQ, finally got an answer from AD6GI(K2 rig)! He gave me a 459 which isn't great, but I'm happy with that. Was fun just getting out and trying out the little tuner. The Altoids tin plugs right into the back of the Cub, so no coax needed! Used a field strength meter and adjusted the tuner for max smoke.

Other than a little warm up drift.....I really like the CUB rig. Nice quiet rec. Understand there is a mod for the slow QSK. Going to look into that....

Looking forward to the ARCI contest in a couple of weeks.

Randy K7TQ...Guess the band folded sorry maybe next time we can have a Q!

72, Tom WB5QYT..."Have spud will travel!"

Date: Sun, 26 Mar 2000 23:19:27 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: Joe Everhart <n2cx@voicenet.com>
Cc: qrp-1@Lehigh.EDU, njqrp@njqrp.org
Subject: [66606] Re: Atlanticon 2000
Message-ID: <38DEE14F.C547570C@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Operating the original Tuna Tin II and using Doug's call was probably the biggest thrill of my entire amateur radio career. I really want to thank Ed for all his efforts to make this happen for us.

Joe Everhart wrote:

> Ed Hare W1RFI brought along the legendary original Tuna Tin rig and set it
> up as W1FB/3 to let any licensed ham take a turn at the key. What a blast!

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sun, 26 Mar 2000 23:31:10 -0500
From: Robert B Boughner <notajock@juno.com>
To: qrp-l@lehigh.edu
Subject: [66607] WPX and 10M
Message-ID: <20000326.233112.-312067.0.notajock@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Boy, 10M was open for the WPX contest today.

I have about 10 feet of wire sticking out of a west facing window of my mobile home. I heard a CT7 and an SM5 in the few minutes I had the HTX 100 on this afternoon. I';; bet their ssb signals were not qrp tho.

Bob WA9LSD

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 26 Mar 2000 23:43:52 -0500
From: Al Patrick <arp@inet4u.com>
To: kd1yv@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [66608] Re: HF Nets ?
Message-ID: <38DEE708.E9BA9B21@inet4u.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hiram BBS is no longer, per an ARRL bulletin. However, check out
<http://ac6v.com/pagep.html> I'm sure it is not complete, but would make a very
good starting point!

Al

KD1YV wrote:

> The ARRL Net Directory used to be available on-line (even back as far as when
> the WWW was in its infancy, and "on-line" meant the Hiram BBS run by Luck
> Hurder. Anyway, have a look around the ARRL Web Site, or some of the BBS Mirror
> Sites (BARC, Simtel) -- you will probably find it there.
> --
> 72/73 de Jim, KD1YV
> All of my friends must be related. Every one has @ in his/her name.
>
> Al Patrick wrote:
>
> > Rick,
> >
> > I'm not trying to be smart by supplying almost no direct info as
> > requested. However, If you know some place that sells ARRL books, for
> > about \$4 plus tx. (& S&H if ordered from ARRL) you can purchase "The ARRL
> > Net Directory 1999-2000 edition". Order # 7393. No, I don't own it, but
> > it's advertised in April 2000 QST. OH! If you have a Ten-Tec, they meet on
> > 14.267 +/- at 6:00 pm eastern time on Sunday. I'm sure there are MANY
> > more. Sorry I can't be more help.
> >
> > Al
>

--

"The Truth is Hate, to Those Who Hate the Truth"

Date: Sun, 26 Mar 2000 23:43:08 -0500
From: Ed Kessler <edkess@epix.net>
To: qrp-1@Lehigh.EDU
Subject: [66609] 15m MFJ Cub Review
Message-ID: <38DEE6DC.BEE6457D@epix.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good evening folks,

I picked up an MFJ Cub kit at the Timonium (MD) hamfest on Saturday and took a break today to build it. Thought I'd post my observations.

Pros

1. The kit is really very simple, compared to other kits that I have built, and went together in about an hour. Most of the parts are already installed -- SMT.
2. A nice board with nice screening, although I did need to check a few cap. placements with the diagram in the manual to make sure that I had the right holes. Not a big issue.
3. Virtually no wiring except for the optional BNC connector, and, of course, the power cord. MFJ supplies a phono jack for ant. out.
4. Alignment was easy.
5. Receiver seems sensitive and audio is more than adequate.
6. CW filter is quite sharp.
7. Manual is clear and adequately detailed.
8. A very light-weight package.
9. Enough room inside for a Freqmite or Keyer, perhaps both.

Cons

1. Capacitor lead spacing is a bit narrow for the board, not a big or unexpected issue, but it does seem that, since the caps are nearly all the same type, the holes in the board could be spaced to match better. I did break (a first for me) a cap while adjusting the leads to fit the board, fortunately I had a replacement (thanks to NorCal Cap kit).
2. VFO oscillator is in the same 602 as the detector, if I read the schematic correctly. Wonder how this will affect stability?

I built the 15m version and expected pwr out to be about 1 W, and results were exactly that using the supplied 2n5109.

MFJ suggests replacing the 5109 with a 2n3553 for more out so I thought I'd try that little mod. Surprisingly output was about the same. AND I could not stabilize the output. On key down I'd get one watt but as the 2n3553 warmed up just a bit, output degraded and dropped quickly. Tried a bigger heat sink to no avail. Tried another 2n3553 -- same results. Interesting. Didn't try the MRF 237. The 2n5109

gave 1W out even while getting warm. Any thoughts here?
It uses a 2222 (SMT) for a driver. Perhaps driving the
2n3553 over-worked the 2222 which cannot easily be
heatsinked???

Those SMTs made me feel like I was using "giant"
components to complete the board.

Will try it on the air tomorrow.

73s Ed AA3SJ
QRP/CW the only way to fly!

Date: Sun, 26 Mar 2000 23:58:39 -0500
From: Al Patrick <arp@inet4u.com>
To: kc8aon@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>, tentec@contesting.com
Subject: [66610] hurricane frequencies
Message-ID: <38DEEA7F.C0358235@inet4u.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

With hurricane season upon us in a few months it might be good to file some
frequencies relating to it. There is a long list at:
<http://www2.ecom.net/~snyder/index.html>

Al

--
"The Truth is Hate, to Those Who Hate the Truth"

Date: Sun, 26 Mar 2000 23:50:24 +0100
From: n4so@juno.com
To: QRP-L@lehigh.edu
Subject: [66611] Back again on qrp-l
Message-ID: <20000327.000328.13310.6.N4SO@juno.com>

Hello everyone-

This is Ken- N4SO back from a trip and 4.5 months in the Red Sea area and Aqaba, Jordan. Just resubscribed to the low power group.

Ken
N4SO

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 26 Mar 2000 22:18:07 -0800

From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>, Randy Foltz
<rfoltz@turbonet.com>, Ed Loranger <we6w@netzero.net>,

Barney Waldrop <cbirlwaldrop@pullman.com>, nw7dx <BenNW7DX@aol.com>, Dan
<ad6jy@aol.com>, Randy <t-ranch@humboldt1.com>, Wayne <NB6M@mer.win-net.org>,
Subject: [66612] QRQ Net report. K2 Shack reverberations...

Message-ID: <38DEFD1F.E157EDFC@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well, I don't know if it was the ditties on the air at up to 80 WPM tonight, or the furious build of K2 number 339. But the shack is a total mess. Looks like a tornado done touched down and did its damage at hotel we6w.

We got newspapers all over the floor, sniffer antennas, BNC cables, at least 4 different gel cels, scope probes, oily cantenna dummy load, handtools, power cords, shoot, even the soldering Iron is hanging half way off the bench looking down into a drawer should it fall. An empty spool of silver solder looks like it was drug around by a truck and some 63/37 kester solder spool is just barely smoking around the plastic spool from spinning in the spool feed device I use. The DVM and AADE LCR meter got tired of waiting for me and turned themselves off and the spectrum analyzer has just about memorized all of the K2 calibration frequencies.... Finally turned off the OCXO 10 MHz commercial oscillator a little later...

Anyway, here I am, with QRQ net sentences before me and we got under way at 0300Z on EXACTLY 7039 KHz.

<grin>

Highlights tonight include: The K2 worked perfectly, the single sentence up to 30 WPM, 2 sentences up to 40 WPM and 3 sentences after 40 WPM is really doing great. One outstanding and obvious highlight is that everyone is sending very, very well at the QRQ speeds. All the fists are much improved. Hard to believe the net has been running over 5 months now! I recall when 50 WPM was a goal and after the net, Ben and I ragchewed at 55 WPM, and we are talking "word rate", not the character speed. Cool!

Here's the QNI list:

WE6W/NCS 75 WPM

NW7DX/Ben 80 WPM

N6WG/Bob 45 WPM

K7GT/Allan -- Stopped in with RH-40 for quick QNI.

K7TQ/Randy 40 WPM

N0TU/Steve 32 WPM

Bob and Steve were first timers and got a great handle on how things are run. We look forward to future practice sessions with you guys!

Allan's Red Hot 40 must have a very hot receiver, Allan gave me a 579 report to his 539 from me. We are in a heavy QSB zone between our QTH's so that is a great receiver for Allan to get me that well with my 5 watts.

I think Ben found a speed to work with. He was tangling with the Grizzly Bear at 80 WPM and doing pretty good. Soon we'll get that word rate up to match, perhaps late summer? My attempt at 80 wpm with the lightning bug without any weight was a fiasco. But I got to 75 WPM (character rate) with a couple of alligator clips hanging for dear life at the fast end of the bug...

Well, we hope to have some more visitors to the QRQ net next Sunday. But I'd better pick up all them beer cans and also about 6 coffee mugs that need cleaning. "Where'd all the coffee cups go, dear?"

Bwaaahahahaha, the K2 QRQ monster got 'em.

72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068
http://www.qsl.net/we6w Santa Rosa, CA
Brain, only as strong as its weakest think.

Date: Sun, 26 Mar 2000 23:39:33 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.EDU>
Subject: [66613] WPX SSB
Message-ID: <001f01bf97b7\$4a4f8d00\$5c3084ce@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Whata blast! Bands were open around the clock....even worked BY4BSN at 1130pmst.

Only got 54 different countries and family priorities and sleep limited op time to only 12 hrs

but picked up a new one in P3A, Cyprus plus the following:

BAND	QSOs	POINTS	PREFIXES
40SSB	4	7	2
20SSB	24	57	17
15SSB	91	221	66
10SSB	94	210	79

213 495 164

Score = 81,180

TS850 at 5Watts, TriBand & 40M extender.....TR & TP

Hope other QRPrs also took advantage of the awesome condx.....

Floyd NQ7X Phoenix,AZ ScQRPion.

Date: Mon, 27 Mar 2000 00:44:36 -0600 (CST)
From: Joe Smith <joey@joesmith.net>
To: qrp-l@Lehigh.EDU
Subject: [66614] FoxHunt Awards
Message-ID: <Pine.LNX.4.10.10003270036110.13460-100000@nikola.joesmith.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I thoroughly enjoyed the foxhunts this season. I evened worked quite a few of them mobile, running either a ProAm valor 40 meter stick or an Outbacker Perth. Rig was either an Alinco DX70TH, or ICOM 706MKII. Seems as though the Washington foxes eluded me, always way down in the noise floor. But then the California foxes were very strong here. It is amazing how the propogation worked out. Thanks to all the foxes who had the patience to work us!

I think the Tesla's Terrors are going to have some special tshirts made, maybe you'll see us at Dayton. I know at least 3 of us are going.

72, W0JOE

"Life is a journey,
not a destination,
enjoy the trip!"

Date: Mon, 27 Mar 2000 01:09:34 -0800
From: Dave Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66615] FAO Chris Jones N7ZW
Message-ID: <012d01bf97cc\$2b59ef20\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Chris,

Your email ID isn't working. I'm trying to send you email to confirm your NC-20 reservation (you have #10 of 20).

If you have a different email ID other than n7zw@arrl.net please let me know it.

Thanks for the bandwidth folks - sri to interrupt your normal programming. And now, back to the show.....

72, Dave Fifield, AD6A

Date: Mon, 27 Mar 2000 04:32:49 -0500
From: joe lerch <joelerch@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66616] OT: Suppressing noise on 2 meter mobile
Message-ID: <00032704552901.00438@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

We picked up an icom 2100h (actually 2) and installed one in my wifes car. On simplex we can hear the whining noise. I read a little about noise suppression and plan on shortening the power leads going to the battery, but need more refernece material in case that doesn't fix it. The car is a 1992 Geo Prism (expect even more problems with my old 80 Dodge St Regis when we finally install the other Icom 2100h in that one). I have read about coaxila capacitors and ferrite beads but need more information on intalling these type of devices on the car.

If anyone can recommend a good manual to cove this problem, please let me know.

thanks in advance

joe

Date: Mon, 27 Mar 2000 05:33:29 EST
From: K2YEW@aol.com
To: qrp-1@lehigh.edu
Subject: [66617] ATLANTICON - FUN WEEKEND - THANKS TO ALL WHO WORKED HARD FOR THIS SUCCESS!
Message-ID: <3f.28e5323.261092f9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

My xyl [W2ETA] and I had a real fun time this weekend at ATLANTICON. Thanks to George and everyone else for the excellent planning and execution of this highly successful QRP event!

72,

Norm Wesler K2YEW

Date: Mon, 27 Mar 2000 06:08:18 -0500
From: David M Kopacki <kf2ew@juno.com>
To: qrp-1@lehigh.EDU
Subject: [66618] AT / QRPTTF weekend
Message-ID: <20000327.061346.-158347.0.kf2ew@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

It's done. I've made the camping reservations at Worthington State Park and so I'll be operating from the NJ side of the Appalachian Trail on April 28-30.

Since it's also QRPTTF weekend, I'll be looking for a spot near Sunfish Pond.

I'll be looking for AT and QRPTTF QSOs. As we get closer I'll send out a planned operating schedule.

73,
Mike, KF2EW

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 27 Mar 2000 05:23:16 +0100
From: n4so@juno.com
To: qrp-1@Lehigh.edu
Subject: [66619] XW2A DX
Message-ID: <20000327.053117.4246.3.N4S0@juno.com>

First time working XW2A 1057Z on 14.027

Ken N4S0

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Date: Mon, 27 Mar 2000 06:37:28 -0500
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-1@lehigh.edu
Subject: [66620] HTX10 CTSS mod
Message-ID: <4.2.2.20000327063416.00a4f3f0@mailhost.det.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Somewhere, sometime on the net, someone gave the buttons to push (undocumented), to enable tones on the HTX10.

Didn't have one then, but of course I do now. If anyone remembers them, please let me know by e-mail. (jwodell@ameritech.net)

GND's review. Sort of a minimal rig, with a dreadful ssb filter. Still, I talked to 9 stations, a bit over qrp power (15 w pep).

73 jerry w8gnd

Date: Mon, 27 Mar 2000 06:59:47 -0500
From: aa5yx@juno.com
To: kf2ew@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [66621] Re: AT / QRPTTF weekend
Message-ID: <20000327.065948.8758.0.aa5yx@juno.com>

Sounds good, Mike. This is one contest I'm really looking forward to. I'll be at Crater Lake, about 5 miles uptrail. If I run out of coffee I may walk on over and bum a cup off of you! What band(s) will you be on? I need NJ for the AT award.

72,

John Harper AA5YX/2
HW-9, OHR-100A/20, Norcal 40A, SST30, SST40, DSW20
Outdoor QRP Page: <http://home.att.net/~j..harper>

On Mon, 27 Mar 2000 06:08:18 -0500 David M Kopacki <kf2ew@juno.com> writes:
>It's done. I've made the camping reservations at Worthington State
>Park
>and so I'll be operating from the NJ side of the Appalachian Trail on

>April 28-30.
>
>Since it's also QRPTTF weekend, I'll be looking for a spot near
>Sunfish
>Pond.
>
>I'll be looking for AT and QRPTTF QSOs. As we get closer I'll send
>out a
>planned operating schedule.
>
>73,
>Mike, KF2EW
>

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><http://dl.www.juno.com/get/tagj>.

Date: Mon, 27 Mar 2000 07:06:48 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [66622] Re: Atlanticon 2000
Message-ID: <025b01bf97e4\$ee3d5dc0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I, too, want to thank Ed, Thankd, Ed.

BTW, is someone going to put pictures of Ed's truck up on a website? When I left Sunday, he had already left so I never got a chance to see it. Rich, maybe it should go in the picture section at the front of QST?

Michael - N4NMR

----- Original Message -----

From: T.J. "SKIP" Arey N2EI <tjarey@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, March 26, 2000 11:19 PM
Subject: Re: Atlanticon 2000

> Operating the original Tuna Tin II and using Doug's call was probably
> the biggest thrill of my entire amateur radio career. I really want to
> thank Ed for all his efforts to make this happen for us.

>
> Joe Everhart wrote:
>
> > Ed Hare W1RFI brought along the legendary original Tuna Tin rig and set
it
> > up as W1FB/3 to let any licensed ham take a turn at the key. What a
blast!
>
>
> --
> ++++++
>
> T.J. "SKIP" AREY N2EI e-mail tjarey@home.com
>
> Website http://members.home.net/tjarey
>
> Snail Mail: PO Box 236, Beverly, NJ 08010
>
> Specialization is for insects! LAZARUS LONG

Date: 27 Mar 00 05:45:32 MST
From: Paul Krzewinski <kpaul@usa.net>
To: qrp-l@lehigh.edu
Subject: [66623] Thanks Atlanticoners...
Message-ID: <20000327124532.18117.qmail@nwcst279.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

I really enjoyed reading all of the comments about Atlanticon. Hats =
off
to all those who attended and then hit the keyboard for the rest of us! =
I did
not go, unfortunately, things do not happen without proper planning. I w=
ould
like to attend next year though! It was really good to hear about all th=
e
different happenings and activities that, as multivarious as they may be,=
are
only a fraction of HAM radio. This is truly inspiring. Have a good week=
everyone!

VY 73! DE PAUL, KC2DLA =

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>
1

Date: Mon, 27 Mar 2000 07:32:30 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: joelerch@earthlink.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66624] Re: Suppressing noise on 2 meter mobile
Message-ID: <001101bf97f0\$ec88d980\$a8763ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Joe,

The whining noise you hear is of course from the alternator. The usual cure is to run both the positive AND negative wires directly to the battery with a fuse in EACH lead. You may have already done that.

In some stubborn cases even this isn't enough. In these cases I've always had success installing a several thousand uF capacitor across the positive and negative wires nears the radio. These presents a low impedance path to shunt the low frequency alternator whine. Be sure to use a capacitor with at least a 20V rating. A capacitor of this size will be rather large but you can easily Ty-wrap it up under the dash while making sure the contacts cannot be shorted. The coaxial capacitor you speak of would be ideal if one can be found with a large enough capacitance. These are typically used to suppress higher frequency noise.

Ideally, there would be a large inductance between the battery and the installed capacitor but I have found this not to be necessary.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

----- Original Message -----

From: "joe lerch" <joelerch@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, March 27, 2000 3:32 AM
Subject: OT: Suppressing noise on 2 meter mobile

We picked up an icom 2100h (actually 2) and installed one in my wifes car. On simplex we can hear the whining noise. I read a little about noise suppression and plan on shortening the power leads going to the battery, but need more refernece material in case that doesn't fix it. The car is a 1992

Geo Prism (expect even more problems with my old 80 Dodge St Regis when we finally install the other Icom 2100h in that one). I have read about coaxila capacitors and ferrite beads but need more information on intalling these type of devices on the car.

If anyone can recommend a good manual to cove this problem, please let me know.

thanks in advance

joe

Date: Mon, 27 Mar 2000 09:17:37 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'k7sz@epix.net'" <k7sz@epix.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66625] RE: Atlanticon 2K
Message-ID: <125490A005E3D3118C9C00805FC743CC3E17EE@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Rich Arland speaks:

> Ed's truck REALLY is "The Deathmobile!" (Hey, lots of guys saw
> it, it's not just me this time!)

Okay, the gauntlet has been thrown and accepted. As the old saying goes, "Revenge is sweet, but payback's a...", well, let's just say that payback is unpleasant! And you KNOW how good I am at thinking a bit outside the box, so you can spend the coming weeks wondering what outlandish torture I will devise. :-)

Actually, the old truck made it there and back without a hitch! Well, this time, anyway; one time on my way back from West Virginia, the rear bearing in the transmission just disappeared, losing all the gear oil. Not to be daunted, the old truck just kept on trucking, in third gear, all the way to Connecticut. \$75 later (boneyard Saginaw 3-speed), three hours later in my

driveway, it became the fine example of just how cheap hams are that you all so admired at Atlanticon!

Now, you gonna' put a picture of the truck in your column? :-)

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Richard Arland [mailto:k7sz@epix.net]
Sent: Sunday, March 26, 2000 9:34 PM
To: Low Power Amateur Radio Discussion
Subject: Atlanticon 2K

What a BLAST!!!

Great time was had by all. Lots of pix taken. Met lots of new faces.
Ed's truck REALLY is "The Deathmobile!" (Hey, lots of guys saw it, it's not just me this time!) June is the target column for Atlanticon.

73 all and a special Thank You to N2APB for hosting the event and WB2AAL for putting up with me.

Rich K7SZ

Date: Mon, 27 Mar 2000 09:22:03 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'joelerch@earthlink.net'" <joelerch@earthlink.net>, Low Power Amateur Radio Discussion <qrq-l@Lehigh.EDU>
Subject: [66626] RE: Comparative reviews of Amateur Equipment
Message-ID: <125490A005E3D3118C9C00805FC743CC3E17EF@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Joe,

See: <http://www.arrl.org/members-only/prodrev/pr-sum/> for a comparative chart of the technical performance of the radios. QST has done a number of comparative reviews, but they feel that the big-ticket items need a stand-alone review, to allow more words per radio. I agree that most hams can read the reveiws and make their own comparisions.

See <http://www.arrl.org/tis> and click on the TIS Pages and the Buying a Rig page to download some articles that discuss how to compare features and specs.

73,

Ed Hare, W1RFI

-----Original Message-----

From: joe lerch [mailto:joelerch@earthlink.net]

Sent: Friday, March 24, 2000 7:53 AM

To: Low Power Amateur Radio Discussion

Subject: Comparitive reviews of Amateur Equipment

Are there any web sites devoted to comparative reviews and subsequent ratings of various amateur radio equipment? I know the Arrl site has reviews for past QST issues but I haven't found anything in the line of a "consumer reports" on ham radio gear.

Is there such a thing?

If so where?

thanks ina dvance,

joe (KC3GV)

Date: Mon, 27 Mar 2000 09:31:20 -0500

From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>

To: "'n2cx@voicenet.com'" <n2cx@voicenet.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [66627] RE: NEQRP meeting next week

Message-ID: <125490A005E3D3118C9C00805FC743CC3E17F1@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

> In past years attendees were also treated to a personal
> tour of the fabled ARRL lab by Zack, W1VT. I can't promise

> that, but you may be luck enough to be so honored.

I think it safe to say that either Zack, Mike Tracy or I will be opening up the Lab. I will even clean up my workbench! :-)

Those in good physical condition are welcome to a cup of ARRL Lab coffee.

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: Joe Everhart [mailto:n2cx@voicenet.com]
Sent: Sunday, March 26, 2000 7:46 PM
To: Low Power Amateur Radio Discussion
Subject: NEQRP meeting next week

Gang,

I was so busy bragging on Atlanticon that I forgot to mention another upcoming event.

Next Saturday is the annual NEQRP-Invades-ARRL-HQ meeting. While NEQRP is a regional group, they do hold this one meeting every year at US ham radio mecca and encourage all to attend. They are a great, friendly bunch of folks.

Alas family duties prevent me from going but I strongly encourage anyone within driving distance to mark it on their calendar.

Like most QRP club meetings it's kinda free-form though they often do have a short business session to update all on what's happening. Next is a very intimate show and tell session where all can brag about their latest projects and on-the-air conquests. And this takes place in a conference room in ARRL HQ - what better place, indeed?

In past years attendees were also treated to a personal tour of the fabled ARRL lab by Zack, W1VT. I can't promise that, but you may

be luck enough to be so honored.

At mid-day all go to a local eatery for an hour or so of QRP camaraderie over lunch.

The day usually wraps up with a chance to operate W1AW/QRP - just remember to bring along your license. And if you are **really** lucky you just may have a chance to operate using the original Tuna Tin rig. I can't promise this but it is a possibility.

Wish I could go to join the NJQRP and LIQRP gang who make the trek but it's not in the cards. If you can spare the time you can get another good dose of east coast qrp hospitality to continue what began the year with Atlanticon.

If you do go please share your fun by writing all about it for the rest of us who can't make it...

72/73,

Joe E., N2CX

Date: Sun, 26 Mar 2000 19:24:26 -0700
From: "Rod, N0RC" <n0rc@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "George Heron" <n2apb@erols.com>
Subject: [66628] Atlanticon Trip Report, long
Message-ID: <000101bf97f9\$21f94b60\$c6101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WOW!

FRIDAY

What a great time. It started Fri. afternoon upon arrival putting faces to call signs. And in short order I got to meet very good friend/email-penpal, Dick, K2JQ; and many other familiar calls just too numerous to mention.

At 7:30 the hospitality sweet opened up and the event was officially under way. Most, if not all the major vendors were present or represented showing off there wares. For me the memorable ones were

NJ-QRP Club's various kits: The SOP RX, The SMK-1 enclosure. The NJ-QRP Club even had one of one the SMK-1's from NorCal, so we all got to see what we're in for! Folks, this is going to be cool. Wait until you see it and/or receive yours, you are going to love it. After the kits are out and built up we ought to have some kind of SMK-1 sprint event.

Vern Wright had his PW-1 mobile Ant available to inspect and brought several for purchase at the show! It's beautiful. The loading coil is powder coated to match the K2. And it works every bit as good as it looks. I couldn't resist, I bought one and the 80m loading coil too. Can't wait to try it out. Later tonight for sure.

Dave Benson, had his new PSK rig available for inspection, and a new version of his "Cool Blue DSW Case". WOW! The new version has a dado in the top and bottom clam shell pieces that the front and rear panels fit into; a nice brushed matte-finish and larger radius bends on the top and bottom cover. VERY SEXY! If you are entering into a mid-life crisis and can't afford an expensive sports car, check out the new DSW case. That, and the radio to go in it, will only set you back \$135. ;-) If you are really feeling rowdy then by a linear and drive it with the DSW. ;-) ;-)

I was pressed into service at a QRP-ARCI table where I and others, answered questions about the new MFJ Cub being bought in bulk by QRP-ARCI. I had my 17m cub with me, assembled, and Ron, N1ZSW, made his unassembled 20m version available for inspection. Quite a steady stream of visitors to the table interested in the Cub. Thank you all for stopping by, It was a real pleasure to meet and chat with all of you.

SATURDAY

To single out any one presentation or presenter is a disservice to the others, What a super-job done by all. Gary Diana's PIC presentation; Dave Benson's PSK-31 talk and Jim Kortge 2N2/6 presentation stand out in my mind only because the topics are current interests of my. I'll be applying some of the lessons in the weeks to come. But the proceedings with all the other papers are at the ready for new challenges.

I also have to mention Mike Gipe's "QRP is a contact sport" presentation. When Mike is discussing how to work QRP in large pileups he makes Richard Simmon's look asleep. :-)

And you also have to catch Ed Hare talk in person about the discovery of Tuna Tin 2. Ed gets about a worked up and excited as Mike. ;-) Ed

also had some important words about the ARRL and QRP. Briefly, they are doing more for us, we should be thankful and vocal--i.e. write the ARRL & let them know. But let's not be greedy, to be fair there is more to Amateur Radio than QRP. We are a benefactor of many other of the League's efforts.

One sad note, Chunk Adams was unable to attend. He is facing heart surgery next week. But Chuck did make a appearance by telephone to say hello and offer his apologies for not being able to attend. No apology necessary Chuck. Best wishes for a speedy recovery, God's speed, were all pulling for you.

Now if all those great presentations weren't enough, through out the day and into the evening drawings were held for various prizes. SMK-1s, a Poquet Computer, Books manuals, even a K2! Check the NJ-QRP Club's website for all the details and winners.

I won the Poquet computer, and was ecstatic. I tried to but on a few months ago but they were already gone. Later that evening Rich Arland approached me, he wanted a Poquet Computer more than I, and offered to buy it from me. I thought for a moment, and accepted his offer. It was tough to give up but the look of excitement on Rich's face more than made up for it. Like the Tuna Tin II found Ed, I beleive that Poquet computer found Rich. It was the right thing to do. Besides, I have first dibs on it if Richard changes his mind. ;-)

Presentations over, we went separate ways for dinner and reassembled at 7:30 for the show & tell-SNAP-open building contest. Here is were I got to examine closely Chunk Adams and Jim Kortge's construction practices--WOW! Jim had several rigs to show: the 2N2/40, the Transverter and a 500Hz XTAL filter to die for. Chunk shipped in his TT2/MRX rig that is shown in the QRP HB mag. and several smaller items, XTAL Checker, RF probe... Folks, one of two things is going to happen when you see these items.

- 1) You will quit building and become a QRO appliance operator.
- 2) You will be inspired to achieve higher goals.

The right answer is 2. ;-) The beauty of their rigs defies words. Go see them for yourself.

George, Joe, Ken and the rest of the NJ gang thanks for a great event and all your hospitality. I'm already counting the days until Atlanticon 2001.

To all that I met, too numerous to list, it was a pleasure to meet you and shake your hand. Our next on air QS0, contest or otherwise is

going to be little extra special because of that "eyeball QSO".

One more thing. Ed Hare: Thank you for TT3/30 you presented me with.
It will be treasured and used with care for others to enjoy.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Mon, 27 Mar 2000 09:33:44 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'wd3p@juno.com'" <wd3p@juno.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [66629] RE: RI - How Hard to Get?
Message-ID: <125490A005E3D3118C9C00805FC743CC3E17F2@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I know Gene well and he is a great op and a great guy. The CW County Hunters net is a GREAT place for QRPers. My first 500 counties were all worked with 250 milliwatts. :-)

The net is a bit informal at times, and sometimes runs without a net control, but if there are mobiles out there, 14.0565 is often hopping!

73,
Ed Hare, W1RFI

-----Original Message-----

From: Larry Cahoon [mailto:wd3p@juno.com]
Sent: Saturday, March 25, 2000 6:58 PM
To: Low Power Amateur Radio Discussion
Subject: RI - How Hard to Get?

Hi Gang,

How hard is it to get RI QRP - If what happened today is any indication, the answer is not hard at all. In the space of just under three hours I managed to work W1TEE/M in all five RI counties while running 500 mWatts or less. Gene gets a lot of credit with his good ears. He is 80+ years

old and is still the only person to have transmitted CW from all 3076 counties.

The Log

3/25 - 1402z 500 mWatts recieved a 559 for Washington, RI
3/25 - 1436z 50 mWatts recieved a 559 for Kent, RI
3/25 - 1511z 100 mWatts recieved a 339 for Providence, RI
3/25 - 1600z 100 mWatts recieved a 229 for Bristol, RI
3/25 - 1650z 500 mWatts recieved a 229 for Newport, RI

These were all started and complete at the power levels give - no limbo dance on these. All were on 20 meters using my inverted V and the Sierra set at 500 mWatts with the Ten-Tec 290 step attenuator in line to cut the power when needed.

Back to more fun, 73/72 de Larry.....WD3P/QRPP in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 27 Mar 2000 08:33:19 -0600
From: Kyle Lusk <klusk@bhm vending.com>
To: "'qrp-1'" <qrp-1@Lehigh.Edu>
Subject: [66630] FS 15 MTR OHR ES TEN TEC 40 MTR
Message-ID: <01BF97C7.1C785F00.klusk@bhm vending.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Both in gud conx OHR 15 \$ 110 TEN TEC 40 \$110
shipped in lower 48 states

KG4BQQ

Date: Mon, 27 Mar 2000 09:42:41 EST
From: Shephed@aol.com
To: qrp-1@lehigh.edu
Subject: [66631] Re: Fox Teams Whiners..err...WINNERS!
Message-ID: <55.3c06ee8.2610cd61@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Congrats to the Tesla's Terrors!
You guys were awesome.

72, 73, oo
Dan, N8IE

Date: Mon, 27 Mar 2000 09:48:20 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <Peter_Simpson@ne.3com.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [66632] Portland Harborcon II?
Message-ID: <000001bf97fb\$7f9acc60\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Peter. Hope all's well with you!

Has anyone spoken with Rex, W1REX, about another "down Maine" QRP get together? All this talk about Atlanticon, etc., and the FB reports from same, has got me itching to go.

Watsa? Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

Date: Mon, 27 Mar 2000 09:52:06 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66633] Atlanticon photos
Message-ID: <125490A005E3D3118C9C00805FC743CC3E17F4@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

To anyone who took photos at Atlanticon, please send me a copy (either as a .jpg or other photo format) or on paper. I want to see if I can get at least one them into QST somehow. :-) Besides, I figure if I can get one to

Steve Ford for Up Front, Rich Arland won't be able to persuade Steve Ford to put a picture of the Deathmobile into print!

You all gotta' help me out on this one; you don't want to see Rich win, do you? :-) :-) :-)

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St.
Newington, CT 06111
860-594-0318
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org/>.
ARRL Technical Information Service: <http://www.arrl.org/tis>.

-----Original Message-----

From: James C. Owen, III [mailto:k4cgy_list@yahoo.com]
Sent: Sunday, March 26, 2000 4:40 PM
To: Low Power Amateur Radio Discussion
Subject: A word of caution (slightly long)

About three weeks ago I noticed a great increase of line noise from the usual S1 or less to S9. This of course really hindered QRP operation and QRO for that matter. I brushed it off as a bad insulator that would quiet down after a rain storm. However it was constant and didn't vary like most line noise I've had in the past. Then I went to ten meters one night and not a sound, checked twenty and forty and it was S9. Pulled out the DX-440 and started checking. It was just noticeable on 3 Mhz, started increasing rapidly about 5 Mhz and peaked about 10 Mhz and by 20 Mhz was not there. Now this is strange since I've never had line noise that was that frequency limited. I started a search, I walked toward the overhead lines about 150 feet from the house and the closer I got the less the noise, strange. Back toward the house and noise goes up. Really strong at the outside floodlights and even greater at the heatpump and the meter. Started pulling breakers and when I hit the washer circuit the noise STOPS.

Now I digress a little. About a month ago I found the greatest little battery charger for the gel-cells (you know where I'm going now). This is one of the

variable current/bulk rate chargers that they say starts at 1.5A and tapers to a trickle. I works just great, in fact I ordered a second for the gel-cells in the shack.

On the washer circuit was the washer, a timer for the water softner and the battery charger. Yep the battery charger was the problem. Can't use it if I want to operate.

This charger is sold many places and I bought it from a site on ebay for less than \$20.00. It's called the InteliTender Model 150. If you buy one be advised that it's HORRIBLY noisy. It must have some type of switcher inside and you can't get into it without destroying the case. I'll try later to clean it up with some external fix but for now it stays off unless the battery needs charging and then I'll do it over night.

The good news is, if your neighbor gets one you most likely not hear it. I tried at my neighbor 200 ft away and I couldn't hear it and we share a transformer.

73 Jim K4CGY

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Mon, 27 Mar 2000 08:22:41 -0700
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: qrp-l <qrp-l@lehigh.edu>, cqclist <cqclist@cqc.org>
Subject: [66634] Zombies
Message-ID: <F9645092A142D3118CBD00805F15292E072A46AA@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

Here's something everyone should know:

On July 8, 1947, witnesses claim a spaceship with five aliens aboard crashed on a sheep-and-cattle ranch outside Roswell, NM, an incident they say has been covered up by the military.

On March 31, 1948, exactly nine months after that day, Al Gore was born.

That clears up a lot of things

Date: Mon, 27 Mar 2000 10:32:25 -0500
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [66635] Tape backup FS
Message-ID: <029101bf9801\$f0e39860\$ea98fea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is everyone doing like they should and backing up their computer properly, and doing it often? If you are like most hams (and I include myself in that category), you are not doing it often enough, if at all. It seems that all of us put it off, usually until it is too late.

Part of the reason we put it off is that it is too difficult to do. After all, we are just human, and take the easy way out.

Here is an item that will make it easier to back up your computer. That includes all your e-mail, all of the good information that comes off of these great mailing lists, your ham log book, and everything else you might want to back up.

I have a Seagate 3.2 G (or 3200 Meg if you prefer) tape backup for sale. I get a backup speed of 4 Megs per minute, so it is not slow. This is actual speed that I get in use, and not some exotic speed that the manual might state under ideal, short term conditions.

This unit is in great shape. It is an internal drive that takes a 5 1/4 inch bay. It hooks up to the floppy drive, and includes the cables to accomplish this purpose. \$50 plus shipping from Florida.

Before someone asks, I have switched to a different media for my backups, but I AM backing it up.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net or W8EK@juno.com
Voice Phone (352) 732-8400

Date: Mon, 27 Mar 2000 10:41:14 -0500
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-l@Lehigh.EDU
Subject: [66636] FS: CUB 20 meter
Message-ID: <852568AF.00562D88.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Went to ATLANTICON where I saw,touched,pushed buttons, and heard
that great K2 receiver! Now I want one.

If you don't want to wait for the next group buy and your looking for 20M
then heres a chance. Asking \$85 shipped.

Date: Mon, 27 Mar 2000 09:43:03 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [66637] Glacier QRP Get-together 2000
Message-ID: <Pine.LNX.3.95.1000327093134.17454B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everyone!....it's time to announce that there will be a second
gathering of qrp folk at the annual Glacier/Waterton hamfest held the
middle weekend of July.....July 14,15,16.....we had a super time at our
first gathering with attendance around 22 people....I have asked the
people organizing the hamfest this year that the QRP Get-together be held
on Saturday instead of Sunday so the odds of anyone interested in
attending are better...some had to leave early Sunday last year...I've
also requested an hour & a half and that it not overlap the CW

contest...the format will be the same so bring your treasures for show & tell....we might see a K2 this year and if the Canada Post cooperates I'll bring the new NorCal surface mount technology kit with me for everyone to have a look-see....maybe I can bring a flip chart stand, paper, pens with me so anyone can describe their favourite antennas for the benefit of the assembled multitude....I have a couple of ideas and if they pan out, I'll let everyone know....who knows, you might want to bring your soldering iron and melt solder eh?...so if you think you might be attending, send me an e-mail.....take care everyone and thanks for your time!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 27 Mar 2000 11:18:05 EST
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@Lehigh.edu
Cc: kh6b@juno.com
Subject: [66638] QRP TTF
Message-ID: <20000327.061932.5391.1.kh6b@juno.com>

Fellow QRPers,

Hawaii QRP Club with the Coconut Island DX Association
with stage their 8th Annual Moku Ola Island DXpedition
Saturday, April 29 to coincide with the QRP TTF event. We
plan to again use the club call AL0HA. Moku Ola Island
is completely surrounded by the Pacific Ocean at grid BK29LR.

We will be using my K2 with back-up Scout 555 at 5W. Antennas
will be the trusty 14AVQ on 40-10m and a Mosley 33 Classic
on 20-15-10m. Hint: use the highest frequency band that
is open to the Pacific.

Aloha,
Dean KH6B HIQRPC #001
Hilo Hawaii

Date: Mon, 27 Mar 2000 10:32:33 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: aa5tb@swbell.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
"joe lerch" <joelerch@earthlink.net>
Subject: [66639] Re: Suppressing noise on 2 meter mobile

Message-ID: <3.0.2.32.20000327103233.007a81a0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Joe,

In addition to the capacitor mentioned by Steve, wrap the extra wire to be battery around a ferrite rod and secure with ty-wraps.

That will get you some inductance and more than with a few ferrite beads.

Chuck Carpenter, Point, Rains County, Texas -- RARA #003
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Mon, 27 Mar 2000 11:33:54 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: NJ QRP Club <njqrp@njqrp.org>, NoVa QRP group <NoVaQRP@topica.com>, QRP-L <qrp-l@lehigh.edu>
Subject: [66640] T77C on 24.891.7 at 1630Z 3/27/00
Message-ID: <38DF8D71.BF0325ED@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just worked San Marino with 4w to my attic dipole.

6 more to go for Y2K/DCXX/QRP!!

Jake -- N4UY
Vienna, VA
(Wash DC suburbs)

Date: Mon, 27 Mar 2000 11:48:58 EST
From: PDouglas12@aol.com
To: qrp-l@lehigh.edu
Subject: [66641] Dayton flights
Message-ID: <aa.2f847e2.2610eafa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Gang,

Hank Kohl posted some info on flights to Dayton, together with group rate ID numbers some days ago. I saved the posting, and finally got around to calling up US Air with the group rate number handy. Indeed, the rates are very good, and they still had room on the flights I needed to fly into Dayton Wednesday night in time for an early start to FDI on Thursday morning. They quoted \$239 round trip from Lagaardia, NYC which sounds real good to me. If you need the info again, I've added it below: Oh, and thank you Hank for the good info.

Preston WJ2V

>From Hank:

Airline Service to Dayton.
It is recommended that reservations be made 60 days in advance. The following airlines service out area. Discounts are available. For more information, please see our web site at www.hamvention.org

Airline	File #
American Airlines	305 OUE
1 800 433 1790	
Continental	I1N9B1
1 800 468 7022	
Delta	134980A
1 800 241 6760	
Trans World Airlines	V16003
1 800 325 4933	
US Air	82681231
1 877 874 7687	

No idea how much of a discount you get or how it works.
Nor do I have any affiliation with any of the airlines, Hamvention, etc, etc, etc.

Date: Mon, 27 Mar 2000 10:47:22 -0600
From: Karl Kanalz <KKanalz@excel.com>
To: "'joelerch@earthlink.net'" <joelerch@earthlink.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66642] RE: Suppressing noise on 2 meter mobile
Message-ID: <2D343922E283D211945C0008C7A41B2A01A74649@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Shortening the DC power leads to the battery won't do it, Joe.
Most "modern" iCOM radios no longer provide adequate built-in
noise suppression. I assume you are NOT obtaining your DC power
source from the under-dash fuse block? That's a noisy source to
start with. If you are getting power *directly* from the battery,
then the best solution (I've found) is to obtain one of Radio Shack's
20-ampere noise filters. They are a bit pricey (around \$18 as I remember),
but you can mount it under the hood, near the battery, and it will do
an excellent job of filtering the trash from you car on both receive and
transmit. It's easily installed, too!

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: joe lerch [mailto:joelerch@earthlink.net]
Sent: Monday, March 27, 2000 3:33 AM
To: Low Power Amateur Radio Discussion
Subject: OT: Suppressing noise on 2 meter mobile

We picked up an icom 2100h (actually 2) and installed one in my wifes car.
On simplex we can hear the whining noise. I read a little about noise
suppression and plan on shortening the power leads going to the battery,
but need more refernece material in case that doesn't fix it. The car is a
1992

Geo Prism (expect even more problems with my old 80 Dodge St Regis
when we finally install the other Icom 2100h in that one). I have read about
coaxila capacitors and ferrite beads but need more information on intalling
these type of devices on the car.

If anyone can recommend a good manual to cove this problem, please
let me know.

thanks in advance

joe

Date: Mon, 27 Mar 2000 11:06:22 -0600
From: markmilburn <markmilburn@netzero.net>
To: brad.mugleston@gwl.com
Cc: QRP-L <qrp-l@lehigh.edu>

Subject: [66643] Re: Zombies
Message-ID: <38DF950E.9D65045E@netzero.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I hope you will not be surprised that I am offended by this use of the QRP-L. How in the world can anybody post this kind of thing on a ham radio reflector and not be censured for it?

Bah humbug.

72 Mark

"Mugleston, Brad" wrote

> Here's something everyone should know:
>
> On July 8, 1947, witnesses claim a spaceship with five aliens aboard
> crashed
> on a sheep-and-cattle ranch outside Roswell, NM, an incident they say has
> been covered up by the military.
>
> On March 31, 1948, exactly nine months after that day, Al Gore was born.
>
> That clears up a lot of things

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Date: Mon, 27 Mar 2000 09:33:00 PST
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [66644] Atlanticon: Keep the reports coming
Message-ID: <20000327173300.10773.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, I love the reports that you are posting on Atlanticon. They are the next best thing to being there. Don't be concerned about the length, we love every word.

I talked to George Heron last night, he was exhausted, but was pleased the way that the event went off. Lots of hard work, by a lot of hard working guys.

If you went to Atlanticon, we want to hear your version of it. This is the essence of qrp, sharing the fun that you have with others. Keep the reports coming. 72, Doug

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 27 Mar 2000 12:41:35 -0500
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [66645] Fox teams
Message-ID: <3.0.32.20000327124131.00727a64@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wow! What a score by Tesla's Terrors! Congrats!
73 Pete NV4V (one of the Musers)

Date: Mon, 27 Mar 2000 12:49:05 -0500
From: "Scott Hotchkiss" <w4pj@bellsouth.net>
To: <markmilburn@netzero.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66646] Re: Zombies
Message-ID: <007c01bf9814\$c0686c20\$23d54dd8@w4pj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was offended as well, until I realized that Mr. Mugleston was probably just trying to avert suspicion from himself.
72 Scott

----- Original Message -----
From: markmilburn <markmilburn@netzero.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, March 27, 2000 12:06 PM
Subject: Re: Zombies

> I hope you will not be surprised that I am offended by this use of the
> QRP-L. How in the world can anybody post this kind of thing on a ham
> radio reflector and not be censured for it?
>
> Bah humbug.
>
> 72 Mark
>
>
>
>
> "Mugleston, Brad" wrote
>
>
>
> > Here's something everyone should know:
> >
> > On July 8, 1947, witnesses claim a spaceship with five aliens aboard
> > crashed
> > on a sheep-and-cattle ranch outside Roswell, NM, an incident they say
has
> > been covered up by the military.
> >
> > On March 31, 1948, exactly nine months after that day, Al Gore was
born.
> >
> > That clears up a lot of things
>
>
>
> -----
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>

Date: Mon, 27 Mar 2000 12:57:55 EST
From: Macstein@aol.com
To: plburbank@kih.net, qrp-l@lehigh.edu
Subject: [66647] Re: Fox teams
Message-ID: <7f.235f7c6.2610fb23@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 3/27/00 12:40:21 PM Eastern Standard Time,
plburbank@kih.net writes:

> Wow! What a score by Tesla's Terrors! Congrats!
> 73 Pete NV4V (one of the Mushers)

I agree, Pete. On the one hand, some of the Foxii were hard to nab, but the HARDEST part was actually making it home and having time to participate! They are to be commended from both standpoints! We (Swamp Rats) had to contend with vacations, family priorities, work schedules, meetings, hospital emergencies and plain exhaustion. Their score is truly amazing. "Wow!" is a good word!

These fox hunts are a lot of fun, and I'm looking forward to next year!

-MAC-
AF4PS
Odessa, FL

Date: Mon, 27 Mar 2000 10:12:45 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [66648] RE: RI - How Hard to Get?
Message-ID: <01bf9818\$0d514450\$19d9fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ed
If you want to see something hard to get, try Delaware on 40m QRP :-)
73, Bob N6WG

Date: Mon, 27 Mar 2000 11:11:23 -0700
From: "Jess Gypin" <jessqrp@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66649] Kenwood TS140V for sale.
Message-ID: <003101bf9817\$dca0aad0\$f3f0e13f@stortek.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an old friend for sale.

Kenwood TS140 HF tranceiver.

Excellent condition. Less than 10 hours on new finals. I replaced them because they were getting a bit low at 80 watts out and now at >100 watts out. I am a perfectionist that way. Radio was aligned and peaked for receive performance by International Radio. Has Fox Tango 8 pole 500 hz CW filter. This is a great CW radio in a smaller package. One of the nicest small HF rigs that Kenwood made. 8 of 10 for cosmetics and 11 of 10 for electronics. Will include DIN cable interface for Sound Blaster for PC for running SSTV, PSK31, RTTY, whatever.

This rig is my backup and has not gotten 20 hours of use in the last 5 years. It has not been turned on on a regular basis for the last 3 years. That is why I am selling it.

Will include usable not pristine hand mike (I never used one with it, CW and digital modes only). On air reports for audio and CW have always been outstanding.

\$550.00 shipped to the lower 48. Includes Original manual and boxes.

Jess AE0CW
303.661.9110

Date: Mon, 27 Mar 2000 13:32:31 -0500
From: "Hare, Ed, W1RFI" <w1rfi@arrl.org>
To: "'n6wg@earthlink.net'" <n6wg@earthlink.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [66650] RE: RI - How Hard to Get?
Message-ID: <125490A005E3D3118C9C00805FC743CC3E1802@mail.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Speaking of Delaware, unfortunately, I was not able to run to that state yesterday. But I think I will try another QRPTTF Delaware dxpedition, unless some other QRPer intends on going there. Do you need DE 2XQRP on 40 meters?

Now, those who need states for WAS should keep in mind that the ARRL WAS

rules require that all contacts be made from within a 50 mile radius. So, if all of your contacts are made from home, you can go as far away as 50 miles and still have the contacts count. Just something to keep in mind for your TTF planning.

It looks like W1FB will be on for the ARRL Field Day, probably from a RI campground. It was originally planned as a 2B operation, but a few more want to come along, so we will be ?A, but still QRP. I will post details later and those who want to come by and visit can do so. If you want to spend the night, either plan on staying up all night operating or bring your own tent and sleeping bag. :-)

73, Ed Hare, W1RFI

-----Original Message-----

From: Bob Tellefsen [mailto:n6wg@earthlink.net]

Sent: Monday, March 27, 2000 1:13 PM

To: Low Power Amateur Radio Discussion

Subject: RE: RI - How Hard to Get?

Hi Ed

If you want to see something hard to get, try Delaware on 40m QRP :-)

73, Bob N6WG

Date: Mon, 27 Mar 2000 13:44:57 -0500

From: Bruce Muscolino <w6toy@erols.com>

To: w1rfi@arrl.org

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [66651] Re: RI - How Hard to Get?

Message-ID: <38DFAC29.6C9@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Ed, and Gang,

Please don't forget that every state also has a state QSO party. If there was ever a better way to find any state that you need than joining in the fun of a state QSO party, I really don't know what it is! Of course, I'm in Maryland, and Delaware is like a suburb to us; maybe if I was still in California I would think differently about it!

73

Date: Mon, 27 Mar 2000 13:41:21 -0500
From: Ronald_A_Pfeiffer@res.raytheon.com
To: qrp-1@Lehigh.EDU
Subject: [66652] FS: QRP STUFF
Message-ID: <852568AF.0066AAFD.00@ressud-as01.res.ray.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Need to get \$\$ for K2, all prices include shipping in CONUS:

1. 38Special, built with all pots,etc. no mods. \$30
2. Emtech ZM-2 tuner kit unassembled. \$45
3. Emtech AF-1 audio filter assembled \$15
4. SW40+ professionally built in SWL encl,
RIT kit not assembled \$113 value \$80
5. 'Melt-Solder' Steve Weber Keyer kit \$30

Ron - N1ZSW

Date: Mon, 27 Mar 2000 13:55:22 EST
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [66653] QRP in Quebec this weekend
Message-ID: <4d.2640064.2611089a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I will be in Quebec for a long ski weekend this weekend and will be taking along my Wilderness SST-20 and my Isotron antenna. My plan is to be on the air between 4:30-6:00 (2130-2300) on Friday and Saturday. I will be in a hotel in the old city and am hoping for a high room. Will be working between 14.058-60. This will be a real good field test for the antenna. I have been using it on a PVC pipe leaning up in the corner of my family room and have had some very nice QSO's with it, local and DX.
Hope to chat with lots of people. I will be sending out a different QSL card from Canada as I have a stamp for postcards for QSO info.

Aron Brown
N10DL
Bedford, NH

Date: Mon, 27 Mar 2000 12:01:11 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu
Subject: [66654] MFJ QRP-Cub Mods
Message-ID: <3.0.5.32.20000327120111.0091d1a0@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A couple of mods for the MFJ Cub transceiver kit are posted on the ARCI web site. Go to <http://www.qrparci.org/cub.html> and look for the links at the end of the first paragraph. Try 'em; you'll like 'em! :-)

72, Larry W1HUE/7

Date: Mon, 27 Mar 2000 15:09:22 -0700
From: "Jess Gypin" <jessqrp@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [66655] TS140V for sale more info
Message-ID: <004f01bf9839\$1b7e67d0\$91f0e13f@stortek.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just thought I would let you all know that the 140 that I have for sale is solid state. Some thought that it might be a tube final unit. I also have a TR-3 Drake that is in fair but restorable condition if anyone is interested.

Jess

Date: Mon, 27 Mar 2000 17:26:02 EST
From: K2UD@aol.com
To: bjoynes@edge.net
Cc: qrp-1@lehigh.edu
Subject: [66656] Re: [CW] 20WPM Endorsement after 15th April
Message-ID: <9b.30c2e58.261139fa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Such endorsement exists. It is called the ARRL Qualifying Run, which goes through many speeds from slow to very fast. Give it a try. Real world CW off the air which will provide real world results.

72

Howard Kraus, K2UD

Date: Mon, 27 Mar 2000 15:22:42 -0500
From: "Charlie Fitts" <cfitts@neca.com>
To: <qrp-l@lehigh.edu>
Subject: [66657] 15M Cub Output Power
Message-ID: <200003272034.PAA23975@orion.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I've been asked to post this to the QRP-L in addition to the qrpcub reflector, so here 'tis. :-)

I've been experimenting, trying to get my 15M Cub output power up a little and have been somewhat successful. There doesn't appear to be any single change that can be made to get a big jump in power but I'm currently getting 1.7W to 1.8W out with a single (especially hot) 2N5109. This is up from about 1.0W when the rig was first finished.

In decreasing order of importance, try the following things:

Try all the potentially suitable final PA transistors that you have on hand. A transistor socket will help out here. I had about a half dozen 2N5109's on hand and they varied in output power by almost a half watt. I have about as many 2N3553's and they varied even more. A couple of Motorola's I have put out a solid 1.5W in the rig's current configuration but a few more 2N3553's of a different brand only put out a little over a half watt.

Replace Q6, the driver, with something more robust. I used a 2N4401. Just cut the leads off about a quarter inch long and solder them to the pads where the SMT 2222 used to be. I also lowered the value of R24 on Q6's collector by tacking a 20 ohm resistor across the top of it. The 2N4401 runs a little warm in this configuration but the final PA seems to appreciate it. Also, power out doesn't drop off after several seconds of key down operation like it did with the SMT driver.

Try decreasing the value of C53 in Q7's collector circuit. The 2N3553's in

particular seem to appreciate this. I settled on 100 pF. In many rigs, there would be a zener diode at this position to protect the final PA in the presence of high SWR. If you decide to add one here, the capacitance of the zener will act in parallel with the capacitance of C53, so you may need to decrease the value of C53 even more.

Try increasing the value of C52 between Q6 and Q7. In my rig, a large increase helped the most. Any value between about 500 pF and 1000 pF seemed to work OK. I settled on 820 pF.

Try replacing C44 and C48 in the filter between Q5 and Q6 with trimmers. This will enable you to fine tune the circuit. In my rig, max power out is achieved by trimming C48, with the slug removed entirely from L7. Tuning is quite sharp - in fact it's so sharp that it would be hard to optimize the filter using only fixed value caps. I have a C44 replacement trimmer on order so I haven't been able to peak that portion of the circuit yet. I used a 50 pF trimmer at C48 and I have a 20 pF trimmer on order for C44. Other caps in this filter might benefit from being replaced with trimmers but I couldn't see an easy way to fit them onto the board.

With the above changes, I can get a solid 1.5W out with a couple of 2N3553's and a few 2N5109's. And a little more than that with the one especially hot 2N5109. Reflected power as indicated on my WM-1 is just about 1 mW or a little less when I get an antenna tuned as close as I can with my ZM-2 tuner. This indicates (in a very unscientific way) little harmonic energy on the signal, since 1 mW is 30 dB down from 1W.

I still have a couple more things I want to try and I'll let everyone know if I manage to wring any more power out of the rig.

73/72

Charlie Fitts, N1EI

Date: Mon, 27 Mar 2000 23:48:45 +0100
From: "Denis Naylor" <aldebaran@ukgateway.net>
To: <elecraft@qth.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [66658] Was K2 in the UK
Message-ID: <008401bf983e\$d2144000\$e50dbc3e@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

OK you guys...my K2 is on order...three weeks wait....

73

Denis GM3skn Shetland Islands UK

Date: Mon, 27 Mar 2000 17:55:39 -0500
From: Tom <trandall@idsi.net>
To: qrp-1@Lehigh.EDU
Subject: [66659] Re: [66569] NIMH Batteries for My DSW-40 any downside?
Message-ID: <200003272255.RAA18745@pop.idsi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ronald wrote:

"I was going to buy a sealed lead-acid battery for my DSW-40 at the Tulsa Hamfest yesterday. Instead I came home with 10 AA NIMH batteries that are supposed to be 1600MAH.
Has anyone one the list used these for portable operation? What should I know about them? I checked the Sanyo site and it was not very informative. I know nothing except they seem to have three times the capacity of a Nicad for the same size. All replies appreciated. 72, Ron, K4KTB, Tulsa, OK."

Hi Ronald,

I don't have a DSW-40 but do use Nimhs for my digital camera and a Celestron Nexstar 5 telescope. They are THE way to go. Each battery should charge up to about 1.3+ volts or so. 10 should end up around 13V. The batteries work VERY VERY WELL and can be recharged MANY MANY times. Something like 300-1000 times. I get mine from this web site:

<http://thomas-distributing.com/index.htm>

Excellent prices and they have all kinds of chargers and Nimh FAQs as well so you can learn all about them. I use a MAHA C-777 charger for mine with 4 and 8 cell holders and the charger clip leads. Works like a charm. They charge pretty quick too. I highly recommend them. I use the Nexcells. I also like using 4 or 7ah batteries and charge them with a Unisolar US-5 solar panel and a Morningstar Sunsaver 6 charge controller.

73 de Tom
KB2SMS

Tom Randall -- tprandall@idsi.net (Remove the "P" to e-mail me)
Amateur Radio - KB2SMS - ARRL / 10-10 / QRP-L #1965
Member: AAVSO Solar Division

My Astronomy/Ham radio site: <http://www1.mhv.net/~trandall/welcome.html>

Date: Mon, 27 Mar 2000 15:30:12 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [66660] ANTENNAS: grounding tuners & hum modulation
Message-ID: <20000327.142109.8055.0.N5IB@juno.com>

Gang, I just experienced a strange phenomenon - at least new to me.

I brought my 15 xcvr board out onto the patio deck to do a little operating in the fresh air and sunshine. The bare board was just clip leaded to all the controls and to a gel cel battery. Using the MFJ-971 tuner - balanced output - with window line to the 40 m horizontal loop. Tuning around, all the signals sounded like (I guess that's what they used to sound like??) spark transmitters - really noticeable hum modulation - and I'm using a pure battery.

Then looking up I saw with fresh eyes my ever-present power lines that run across the back yard and behind the lot. 15 kV's, 70 kV,s and across the lane some higher ones. The loop's no more than 30 ft from the nearest (lowest V) ones must be acting like a big inductive pickup. I connected 6 feet of #14 wire to the chassis ground lug on the tuner and just poked the bare other end into the moist ground about 6 inches and the hum modulation almost completely disappeared.

I had never noticed it in the house 'cause I run everything through a grounded ATU there - only the TV tray/patio portable pointed out the problem.

BTW - adding the ground made little or no change in the tuner setting - so I guess the system was pretty balanced at rf.

As Yogi put it so well, "You can observe a lot by watching."

72
Jim N5IB

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Date: Mon, 27 Mar 2000 15:33:23 -0800
From: Mike Gipe <mgipe@reliablemeters.com>
To: "QRP-L list (E-mail)" <qrp-l@Lehigh.edu>
Subject: [66661] Atlanticon acknowledgement
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928EAAF@mission>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Gang --

I just flew back from Atlanticon, and boy are my arms tired. (phrump) And my legs, and my butt, and my head, and my feet, and... every other part of me that was stuffed into the window seat of the last row in a fully-booked airplane for seven hours.

But it was worth it! A full report will follow, but first I wanted to thank a few folks.

Many people contributed to the success of Atlanticon, but George Heron put in a super-human effort to make it happen. George did an outstanding job organizing and managing the convention, and the fact that it ran so smoothly belies the fact that it is an amazing feat to pull together a gathering like this one. We all appreciate the work that you put into making Atlanticon happen.

Next, I must thank George's wife, whom I have never met, but without whose patience and tolerance we wouldn't have George to bring everything together. And I promise that he will get around to mowing the lawn real soon now.

Thanks go also to the NJQRP club, whose members helped run the show, financed it, and generally supported George as he led them into the insanity of producing such a convention.

And finally, I'd like to thank all the rest of the folks who contributed to making Atlanticon 2000 happen. I really enjoyed it.

Atlanticon is a pretty good reason to be doing the Happy Dance.

Mike K1MG
Saratoga, CA

Date: Mon, 27 Mar 2000 18:43:54 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [66662] eVERY nOW aND tHEN
Message-ID: <20000327.184355.-180985.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

HIGH Y'ALL

Every now and then I get to see something that I don't have to worry about over stating my joy and satisfaction with it...

Well it not being an it ... entirely... I would like to say the The Loranger did the best solder job I've see done to a radio... He likes to use the word perfect a lot and I tell u his work shows it... really happy to see I lucked out so good... great job on little eddie-silver Ed...

Not wanting to beat that to death... I would like to say I am studying this k2 radio I have in front of me... it's gots meaux things u can adjust to ur likeing than a swiss watch... I'm still reading and learning about it... and the great thing I like is that it is simple to use... works great and should last a long, long time...

The built in voltage, current monitor in the k2 let me find out I had some bad contacts to my big marine battery and my battery voltage at the radio was dropping on transmit... Think my qrp++ will xmit on the same freq as it receives on now.... a check by xmiting to the k2 looked convincing....

Anyhow the k2 looks and works like a fine expenseive machine that cost many meaux dollars to get... I'm still learning about it and enjoying the education...

no I don't have any interest in elecraft etc... just a happy displaced cajun in maine....

Joel KE1LA
In Maine
Got the Cajun Mojo
and my Ohoh

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End of QRP-L Digest 1773

